RP00063

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Recombinant Human CCL7/MCP-3 Protein

Catalog No.: RP00063 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human	6354	P80098

Tags
No tag

Synonyms
CCL7;FIC;MARC;MCP-3;MCP3;NC28;SCYA6;SCYA7

Product Information

Source
<I>E. coli</I>

Purification
> 95% by SDS-PAGE.

Endotoxin
< 1.0 EU/μg of the protein by LAL method.

Formulation
Lyophilized from a 0.22 μm filtered solution of 20mM Tris, 500mM NaCl, pH 8.0.Contact us for customized product form or formulation.

Reconstitution
Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid votex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Contact

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Background

This protein is monocyte chemotactic protein 3, a secreted chemokine which attracts macrophages during inflammation and metastasis. It is a member of the C-C subfamily of chemokines which are characterized by having two adjacent cysteine residues. The protein is an in vivo substrate of matrix metalloproteinase 2, an enzyme which degrades components of the extracellular matrix.

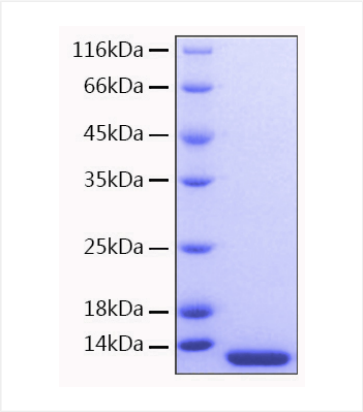
Basic Information

Description
Recombinant Human CCL7/MCP-3 Protein is produced by <I>E. coli</I> expression system. The target protein is expressed with sequence (Gln24-Leu99) of human MCP-3/CCL7 (Accession #NP_006264.2).

Bio-Activity

Storage
Store the lyophilized protein at -20°C to -80 °C for long term.
After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week. Avoid repeated freeze/thaw cycles.

Validation Data



Recombinant Human CCL7/MCP-3 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 13 kDa.